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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 30740/285906
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/518286
INTERNATIONAL APPLICATION NO. PCT/GB03/02550	INTERNATIONAL FILING DATE 12 June 2003	PRIORITY DATE CLAIMED 18 June 2002
TITLE OF INVENTION Display Driver Circuits for Electroluminescent Displays, Using Constant Current Generators		
APPLICANT(S) FOR DO/EO/US Paul R. Routley et al.		

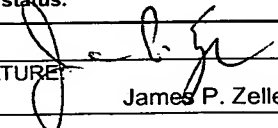
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☒ is attached hereto (required only if not communicated by the International Bureau).
 - ☒ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☒ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☐ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: International search report; return receipt postal card

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/518286		PCT/GB03/02550		30740/285906	
21. The following fees are submitted:					
<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00		\$	300.00
<input checked="" type="checkbox"/>	b) Examination fee	\$200.00		\$	200.00
<input checked="" type="checkbox"/>	c) Search fee	\$500.00		\$	500.00
TOTAL OF ABOVE CALCULATIONS =				\$	1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	7 - 20 =	7	x 50.00	\$	350.00
Independent claims	2 - 3 =	0	x	\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$	
TOTAL OF ABOVE CALCULATIONS =				\$	1,350.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$	1,350.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$	
TOTAL NATIONAL FEE =				\$	1,350.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	1,350.00
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,350.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2855</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
			SIGNATURE		
			NAME	James P. Zeller	
CUSTOMER NUMBER: 04743			28,491		
			REGISTRATION NUMBER		

16 DEC 2004

DT05 Rec'd PCT/PTO 16 DEC 2004

10/518286

PATENT


**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicants: Routley et al.)	For: DISPLAY DRIVER CIRCUITS FOR
)	ELECTROLUMINESCENT DISPLAYS,
U.S. National Phase of)	USING CONSTANT CURRENT
PCT/GB03/02550 filed June 12, 2003)	GENERATORS
)	
Filed: Herewith)	Group Art Unit: To be assigned
)	
)	Examiner: To be assigned
)	

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that the attached five items (a) through (e) are being deposited with the United States Postal Service on December 16, 2004, in a postage-paid envelope addressed to Commissioner for Patents, Mail Stop PCT, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV323770889US.

- (a) Transmittal letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. §371;
- (b) Application, including twenty five sheets of description, five sheets of claims, and 10 sheets of drawings;
- (c) Preliminary Amendment;
- (d) Information Disclosure Statement; and
- (e) International Search Report.


Richard Zimmermann

10/518286

DT05 Rec'd PCT/PTO 16 DEC 2004

FEE SUMMARY SHEET**Transmittal to US Designated-Elected Office (PTO 1390)**

Date: December 16, 2004
Time: 8:06 AM
Docket: 30740/285906

Filing Date: Concurrently Herewith
Application No: Not Yet Assigned
Total Fee: \$ 1,350.00

Code	Amount	37 CFR	Fee Description	Listed on
1631	300.00	1.492	Basic National Stage fee	Transmittal to US Designated-Elected Office (PTO 1390)
1632	500.00	1.492	National Stage search fee	Transmittal to US Designated-Elected Office (PTO 1390)
1633	200.00	1.492	National Stage examination fee	Transmittal to US Designated-Elected Office (PTO 1390)